

Converting Colors

Yxy(66.5449, 0.3334, 0.3154)

Have a look what the booklet for
Yxy(66.5449, 0.3334, 0.3154)
contains.

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Color

Yxy(66.5470, 0.3335, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	F2CBD8
RGB	242, 203, 216
RGB Percent	95%, 80%, 85%
CMY	0.0510, 0.2039, 0.1531
CMYK	0.00, 0.16, 0.11, 0.05
HSL	340°, 60%, 87%
HSV	340°, 16%, 95%
XYZ	70.3660, 66.5470, 74.0794
YIQ	216.1430, 19.0710, 12.3110

Conversions

Conversions Part 2

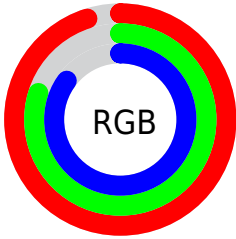
Format	Color
R _Y B	242, 203, 216
Decimal	15911896
CIE Lab	85.27, 15.79, -1.29
CIE LCh	85, 15.843, 355.320
Yxy	66.5470, 0.3335, 0.3154
Android (android.graphics.Color)	4294101976 (0xFFFF2CBD8)
YUV	216.1430, -0.0705, 22.6766
Hunter-Lab	81.5763, 11.2116, 3.2622

Details

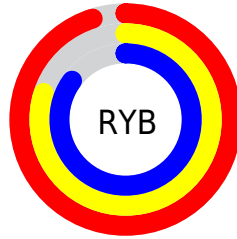
The Yxy color **66.5470, 0.3335, 0.3154** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.8641, 0.2956, 0.3430**, and the grayscale version is **68.7636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5072, 0.3392, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **55.2025, 0.3503, 0.3064**, and if you desaturate by 10%, it is **79.7637, 0.3198, 0.3240**.

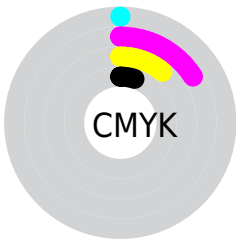
Distribution



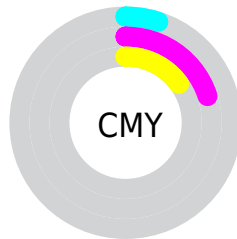
- Red (95%)
- Green (80%)
- Blue (85%)



- Red (95%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5470, 0.3335, 0.3154 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 66.5470, 0.3335, 0.3154 by changing the saturation by 10% instead.

 66.5470, 0.3335,
0.3154

 66.5470, 0.3335,
0.3154


448.3306, 0.3237,
0.3218

 48.7166, 0.3358,
0.3139


114.2711, 0.3301,
0.3176

 34.3947, 0.3386,
0.3121


144.9335, 0.3288,
0.3185

 23.1970, 0.3422,
0.3098


180.6421, 0.3276,
0.3192

 14.7390, 0.3470,
0.3067

221.7812, 0.3266,
0.3199

 8.6364, 0.3536,
0.3024

268.7352, 0.3258,
0.3204

 4.5048, 0.3634,
0.2962

321.8885, 0.3250,

 1.9598, 0.3792,

0.3209

0.2862

381.6255, 0.3243,
0.3214

0.5839, 0.4189,
0.2590

0.0000, 0.0000,
0.0000

66.5470, 0.3335,
0.3154

66.5470, 0.3335,
0.3154

55.2025, 0.3503,
0.3064

79.7637, 0.3198,
0.3240

45.6364, 0.3706,
0.2973

94.9231, 0.3086,
0.3321

37.7601, 0.3951,
0.2887

97.6180, 0.3048,
0.3290

31.4740, 0.4237,
0.2813

■ 26.6678, 0.4562,
0.2763

■ 23.2170, 0.4910,
0.2750

■ 20.9762, 0.5258,
0.2784

■ 19.7655, 0.5574,
0.2867

■ 19.4635, 0.5687,
0.2906

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.5470, 0.3142, 0.3026



66.5470, 0.3335, 0.3154



66.5470, 0.3474, 0.3318

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.5470, 0.3335, 0.3154



66.5470, 0.3299, 0.3637



66.5470, 0.2752, 0.3083

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66.5470, 0.3335, 0.3154



81.8641, 0.2956, 0.3430

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.5470, 0.2792, 0.3246



66.5470, 0.3335, 0.3154



66.5470, 0.3103, 0.3576

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.5470, 0.3335, 0.3154



66.5470, 0.3452, 0.3599



66.5470, 0.2919, 0.3430



66.5470, 0.2809, 0.2982

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.5470, 0.3335, 0.3154



66.5470, 0.3515, 0.3429



66.5470, 0.2919, 0.3430



66.5470, 0.2755, 0.3132

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66.5500, 0.3335, 0.3154



91.5970, 0.3185, 0.3249



65.7857, 0.3050, 0.2879



19.3623, 0.3193, 0.3243



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.5500, 0.3335, 0.3154



70.9769, 0.3381, 0.3128



69.0406, 0.3422, 0.3360



15.8455, 0.3241, 0.3212



10.4781, 0.5643, 0.2882



0.8894, 0.5274, 0.2679

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66.5500, 0.3335, 0.3154



70.9769, 0.3381, 0.3128



78.8149, 0.2880, 0.3219



15.8455, 0.3241, 0.3212



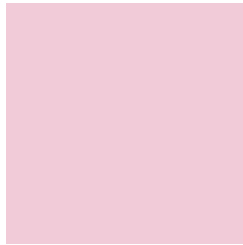
10.4781, 0.5643, 0.2882



0.8894, 0.5274, 0.2679

Previews

White Background



This preview shows how the Yxy color 66.5470, 0.3335, 0.3154 looks on a white background.

Color Contrast Check

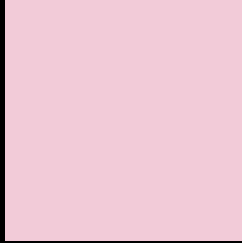
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 66.5470, 0.3335, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5470, 0.3335, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 66.5470, 0.3335, 0.3154.



This preview shows how white text looks on a background with the Yxy color 66.5470, 0.3335, 0.3154.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

66.5470, 0.3335, 0.3154

Protanopia

66.7545, 0.3088, 0.3190

Deuteranopia

66.8556, 0.3268, 0.3204



Tritanopia

66.6511, 0.3320, 0.3133

Trichromacy



Original Color

66.5470, 0.3335, 0.3154

Protanomaly

66.7230, 0.3177, 0.3181

Deuteranomaly

66.8818, 0.3292, 0.3194

Tritanomaly

66.5989, 0.3327, 0.3143

Monochromacy



Original Color

66.5470, 0.3335, 0.3154

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.5540, 0.3197, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5470, 0.3335, 0.3154 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 203, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 203, 216)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 203, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 203, 216) }
```

Border

The CSS property to change the border of an element to Yxy 66.5470, 0.3335, 0.3154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 203, 216) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 203, 216) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 203, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 203, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 203, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 203,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5470, 0.3335, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 203, 216) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
203, 216) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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